

General Notes

Specifications: Per applicable Contract Documents. See Special Provisions.

Design Standards: AISC Steel Construction Manual 13th Edition

Design Loads: Live Load = 85 psf
Snow Load = 20 psf

Materials: This is a federally funding project and iron and steel shall be produced domestically and shall apply with Buy America provision

Steel: Tube Sections: ASTM A500 Grade B

Pipe: A53, Grade B

Stainless: ASTM A276, type 316

Plates: ASTM A36 or equal

Steel Shapes: W-Section - ASTM A992
Others - ASTM A36

Steel Coatings: All steel fabrications and hardware shall be hot-dip galvanized after fabrication per ASTM A123 and A153.

All coating repairs shall be done in accordance with section 504-3.03 of the Specifications

Bolts and Fasteners: ASTM A325 for steel connections.
ASTM A307 for timber connections.

UHMW Plastic: Ultra high molecular weight plastic (UHMW) shall be made from materials conforming to ASTM D4020. Color shall be black.

Aluminum: Shapes - ASTM 6061-T6 Plates - ASTM 5086 H112

Metal Deck Grating: Welded with 2 1/2" x 3/16" bearing bars at 1 3/16" o.c., serrated top

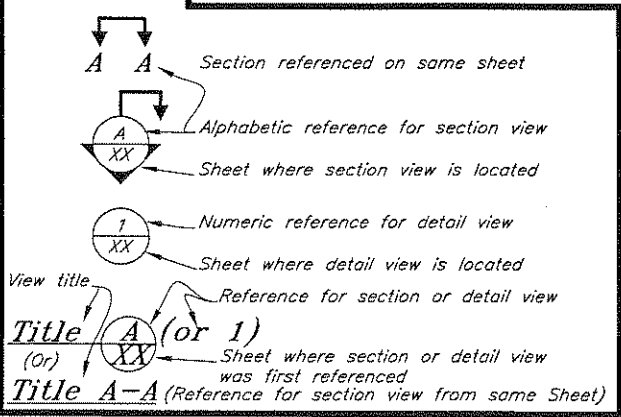
Welding: Unless otherwise noted on Plans or Specifications, all welding shall be done by qualified welders in accordance with AWS D1.1, D1.5, or AWS D1.2 as applicable.

Electrical: All electrical work shown shall be performed by a licensed electrician.

Estimate of Quantities

Item No.	Pay Item	Pay Unit	Quantity
BASIC BID			
504(1)	Steel Approach Expansion	Lump Sum	All Required
640(1)	Mobilization and Demobilization	Lump Sum	All Required
640(4)	Worker Meals and Lodging, or Per Diem	Lump Sum	All Required
ALTERNATE A			
504(2A)	Refurbish Pile Collars	Lump Sum	All Required
504(3A)	Refurbish Platform Wheels and Skids	Lump Sum	All Required
504(4A)	STRUCTURAL STEEL MODIFICATIONS	Lump Sum	All Required
660(14)	RELOCATE EXISTING ELECTRICAL J-BOX	Lump Sum	All Required

Legend

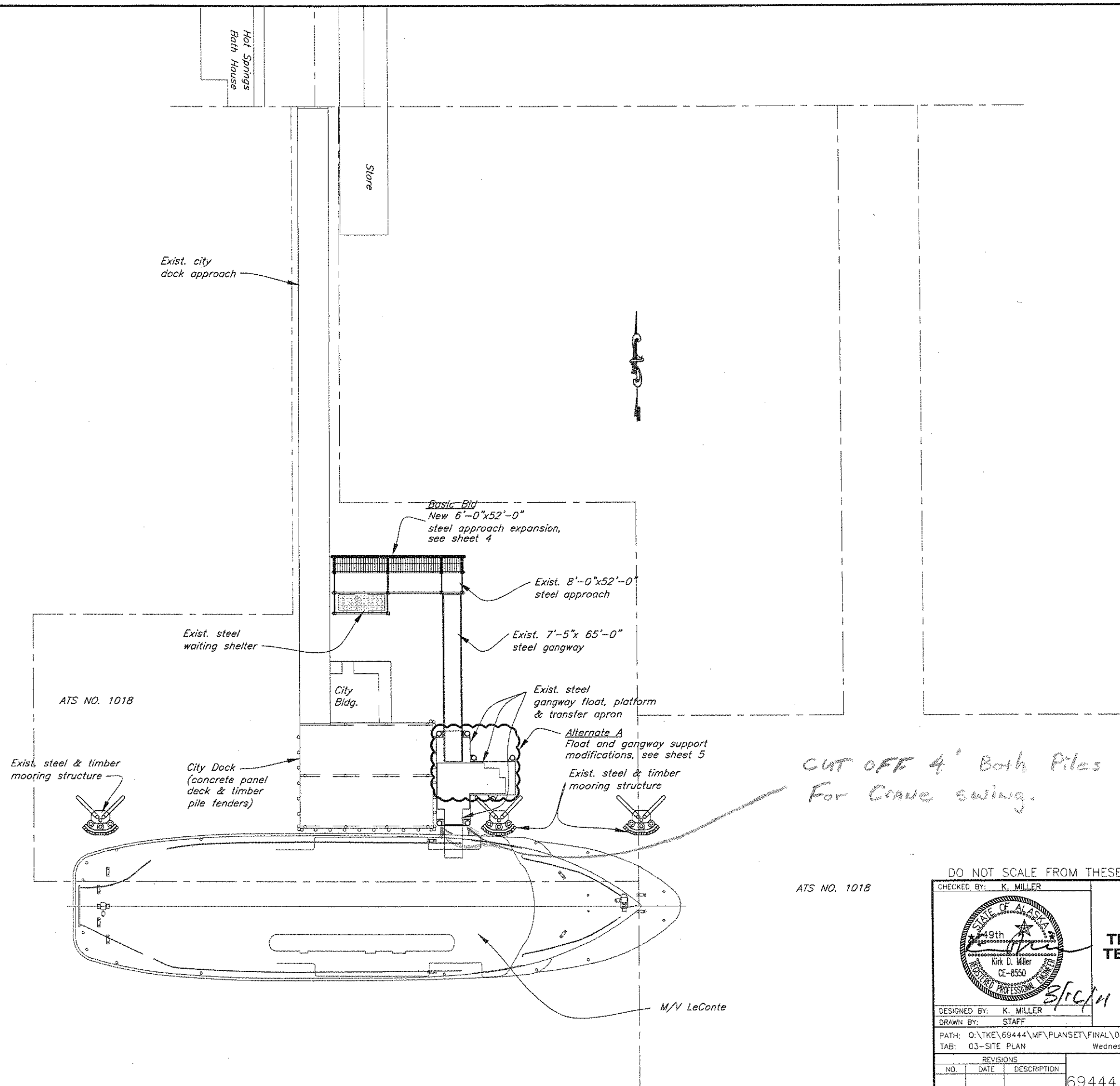


Abbreviations

SS - Stainless Steel
Galv. - Galvanized
Typ - Typical
O.C. - On Center
U.O.N. - Unless Otherwise Noted
Econ. Hd. - Economy Head
Alum - Aluminum
L - Long
W - Wide
D - Deep
FG - Finished grade
O-O - out to out
PT - Pressure treated
btm - bottom
PL - Plate
CL - Centerline
CTSK - Countersink
MI - Malleable Iron

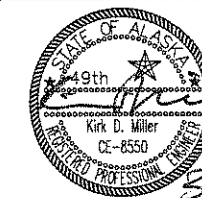
DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: K. MILLER		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION	
		TENAKEE SPRINGS FERRY TERMINAL IMPROVEMENTS ESTIMATE OF QUANTITIES AND GENERAL NOTES	
DESIGNED BY: K. MILLER		3/16/11	
DRAWN BY: STAFF			
PATH: O:\TKE\69444\MF\PLANSET\FINAL\02-ESTIMATE QUANTITIES.DWG			
TAB: 02-ESTIMATE QUANTITIES		Wednesday, March 16, 2011 1:33:49 PM	
REVISIONS		PROJECT DESIGNATION	YEAR
NO.	DATE	DESCRIPTION	SHEET NO.
69444/DC01321-00			2011
			5



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STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

TENAKEE SPRINGS FERRY TERMINAL IMPROVEMENTS

SITE PLAN

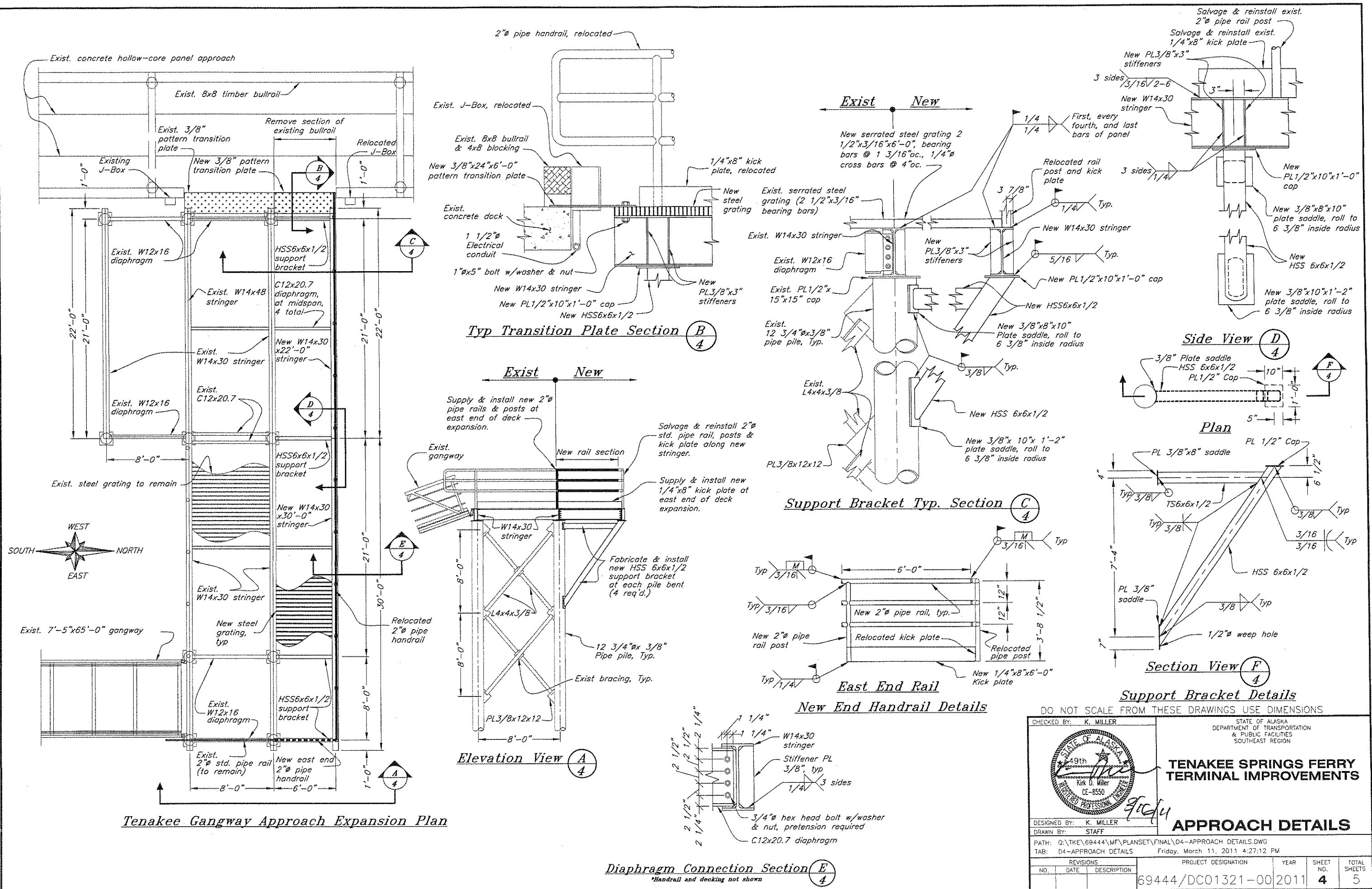
DESIGNED BY: K. MILLER
DRAWN BY: STAFF

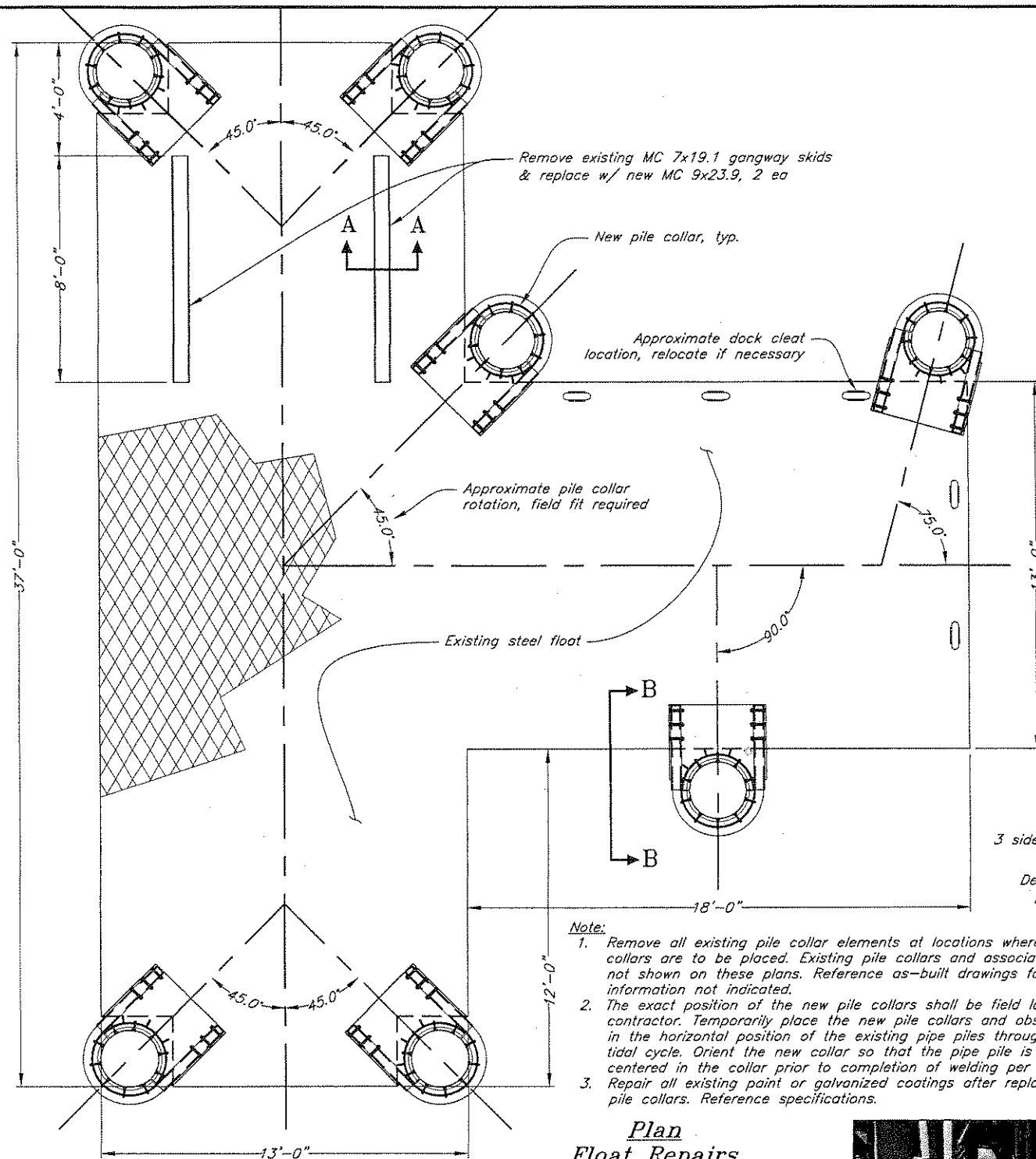
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TAB: 03-SITE PLAN

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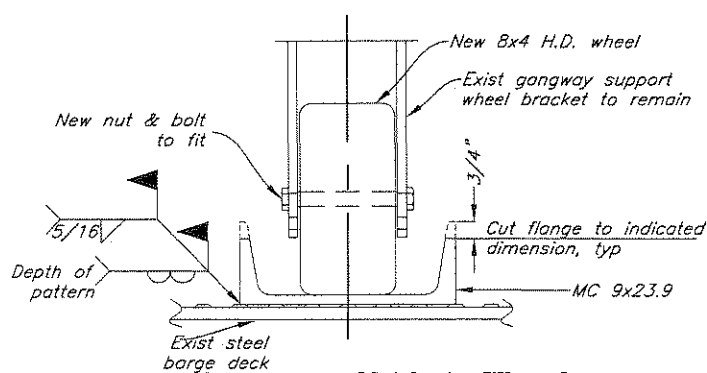
REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION				
			69444/DC01321-00	2011	3	5





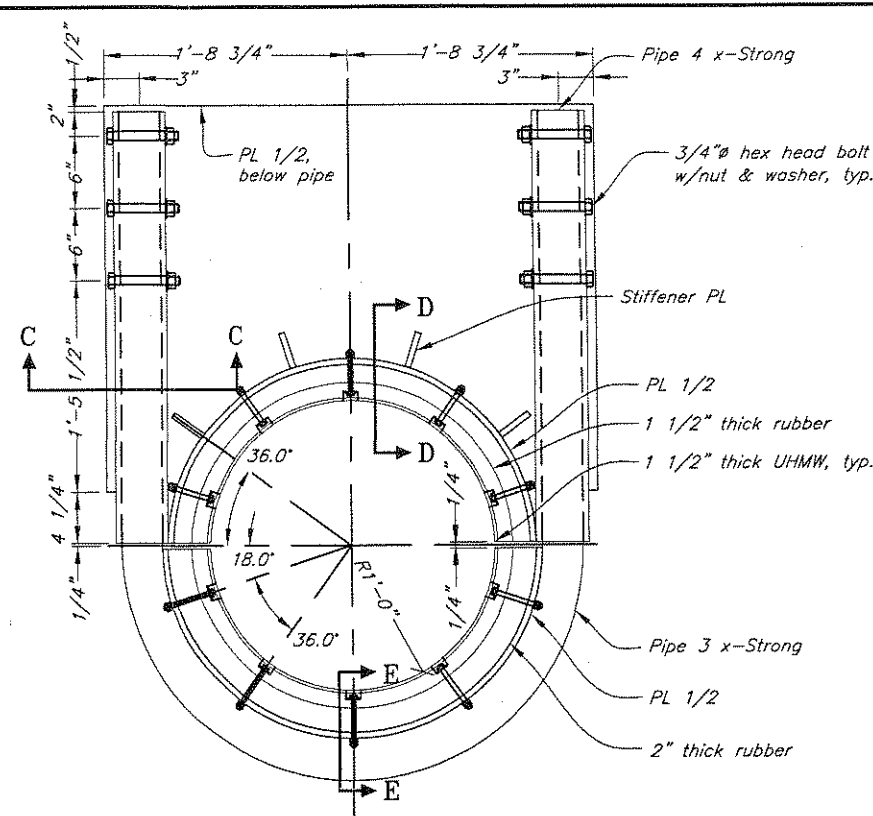
- Note:**
1. Remove all existing pile collar elements at locations where new pile collars are to be placed. Existing pile collars and associated details are not shown on these plans. Reference as-built drawings for additional information not indicated.
 2. The exact position of the new pile collars shall be field located by the contractor. Temporarily place the new pile collars and observe variations in the horizontal position of the existing pipe piles through one complete tidal cycle. Orient the new collar so that the pipe pile is generally centered in the collar prior to completion of welding per plans.
 3. Repair all existing paint or galvanized coatings after replacement of the pile collars. Reference specifications.

Plan Float Repairs

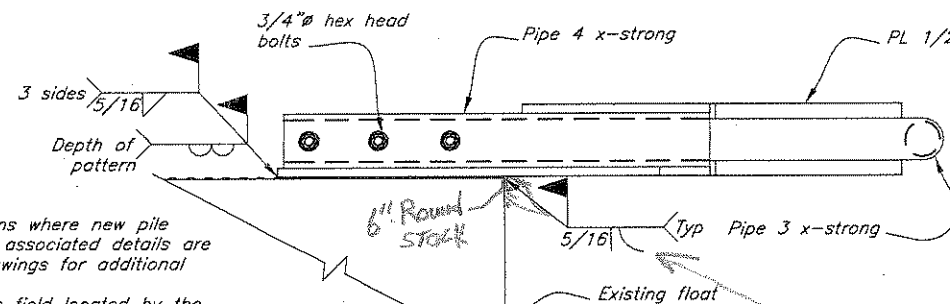


Gangway Skid & Wheel
Section A-A
(2 locations required)

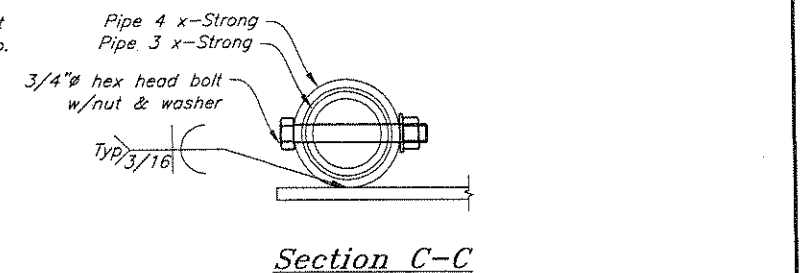
1. All gangway support details not shown. Remove existing gangway wheels and skids and place new gangway support wheels & gangway skids as generally noted.
2. Observe tidal movement of gangway through one complete tidal cycle and orient new gangway skids so that gangway support wheels are generally centered in new skid.



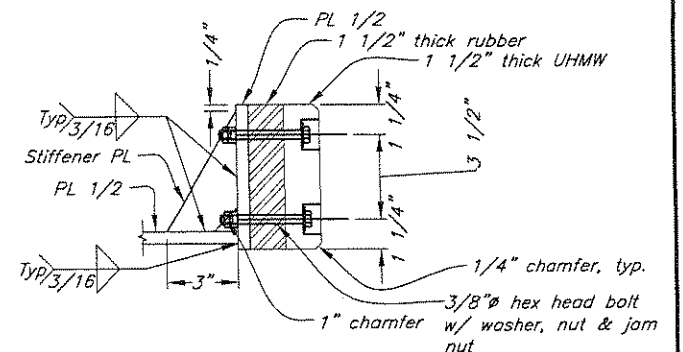
Plan-Pile Collar



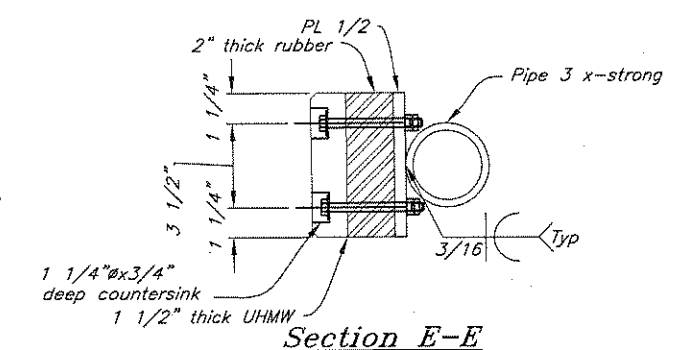
Elevation B-B



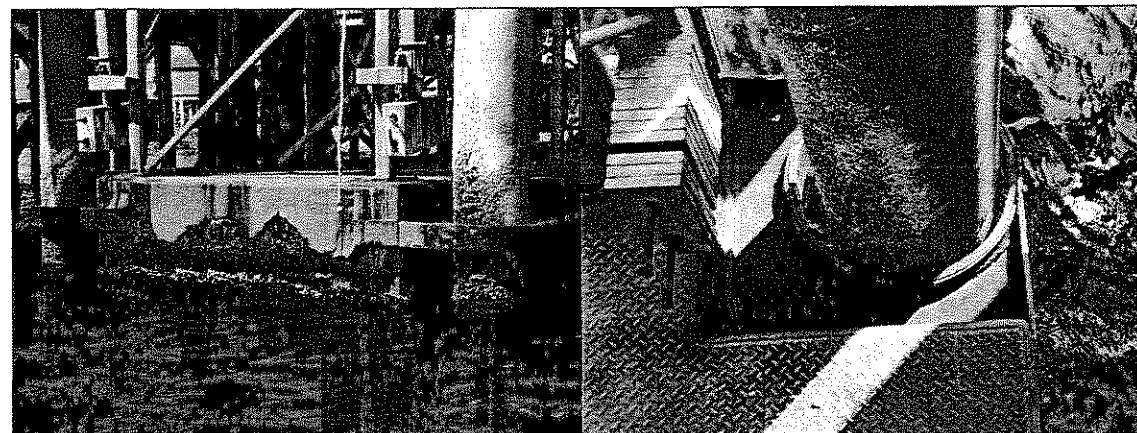
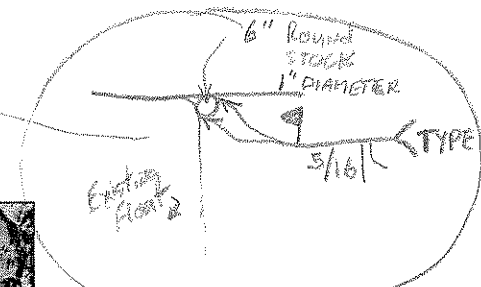
Section C-C



Section D-D



Section E-E



Existing Pile Collar

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CHECKED BY: K. MILLER		STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION	
DESIGNED BY: K. MILLER		TENAKEE SPRINGS FERRY TERMINAL IMPROVEMENTS FLOAT & GANGWAY WHEEL REPAIR DETAILS	
DRAWN BY: STAFF			
PATH: Q:\TKE\69444\MF\PLANSET\FINAL\05-PILE COLLAR DETAILS.DWG		PROJECT DESIGNATION	
TAB: 05-PILE COLLAR DETAILS Friday, March 11, 2011 4:21:08 PM		YEAR	
REVISIONS		SHEET NO.	
NO.	DATE	DESCRIPTION	TOTAL SHEETS
		69444/DC01321-00	5



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

CHANGE ORDER

Project No.: 69444/DC 01321-00 Change Order No. 1

Project Name: Tenakee Springs Ferry Terminal Improvements

Contractor: Trucano Construction Company, Inc.

Address: PO Box 020870 Calendar Days (+ / -): -0-

Juneau, AK 99802 or New Completion Date: -0-

Amount of this Change Order: +\$3,905.77

Recommended By: _____ Construction Group Chief	Date: _____	Seal of an Alaskan Professional Engineer if required.
Approved By: _____ Construction Chief	Date: _____	

Acknowledged by indicates receipt of the change order to perform the described work, but not the mutual agreement of the basis of payment and/or time allowance. If the matter cannot be resolved by agreement within 7 days from the date of your signature, you shall, within the next 14 days, submit an Intent to Claim in writing to the Engineer, pursuant to Section 105-1.17 of the specifications.

Acknowledged By: _____ Date: _____
Contractor's Representative

This change order constitutes agreement to terms, conditions and prices stated below.

Accepted By: _____ Date: _____
Contractor's Representative

Permission for previously approved subcontractor(s) to perform all or portions of the work described herein is as checked: ☐ Yes ☐ No ☒ N/A

The following change(s) in the above Contract are hereby made in accordance with the terms of the Contract and under the terms and conditions stated below. Price adjustments resulting from inaccurate cost and pricing data are subject to the provisions of AS 36.30.400(c). This document shall become an amendment to the Contract and all provisions of the Contract will be applicable.

DESCRIPTION OF CHANGE (Use Continuation Sheet 25D-065 as Required)

In accordance with Section 104 of the Contract, the following changes in the Plans, and/or Specifications are hereby made:

Establish New Item 504 (4A) Structural Steel Modifications:

Description: This item shall include all labor, materials and equipment necessary to make alterations to Hand Railing, Deck Plates, Remove Lifting Eyes, Cut off two vertical piles, drill drain holes in vertical members of the gangway float platform, and install 1" bolts in Fender Piles. In accordance with IWA #2, #3, and #4.

Materials and Construction: All work shall conform to Section 504 of the State Standard Specifications for Highway Construction.

Method of Measurement: This item will not be measured for payment.

Basis of Payment: Payment for this item of work shall be a Lump Sum price of \$3,905.77.

Contract time is not affected by this Change Order.



STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
AND PUBLIC FACILITIES
SOUTHEAST REGION

CHANGE ORDER

Project No.: 69444/DC 01321-00 Change Order No. 2

Project Name: Tenakee Springs Ferry Terminal Improvements

Contractor: Trucano Construction Company, Inc.

Address: PO Box 020870 Calendar Days (+ / -): -0-

Juneau, AK 99802 or New Completion Date: -0-

Amount of this Change Order: +\$6,115.54

Recommended By: _____ Construction Group Chief	Date: _____	Seal of an Alaskan Professional Engineer if required.
Approved By: _____ Construction Chief	Date: _____	

Acknowledged by indicates receipt of the change order to perform the described work, but not the mutual agreement of the basis of payment and/or time allowance. If the matter cannot be resolved by agreement within 7 days from the date of your signature, you shall, within the next 14 days, submit an Intent to Claim in writing to the Engineer, pursuant to Section 105-1.17 of the specifications.

Acknowledged By: _____ Date: _____
Contractor's Representative

This change order constitutes agreement to terms, conditions and prices stated below.

Accepted By: _____ Date: _____
Contractor's Representative

Permission for previously approved subcontractor(s) to perform all or portions of the work described herein is as checked: ☐ Yes ☐ No ☒ N/A

The following change(s) in the above Contract are hereby made in accordance with the terms of the Contract and under the terms and conditions stated below. Price adjustments resulting from inaccurate cost and pricing data are subject to the provisions of AS 36.30.400(c). This document shall become an amendment to the Contract and all provisions of the Contract will be applicable.

DESCRIPTION OF CHANGE (Use Continuation Sheet 25D-065 as Required)

In accordance with Section 104 of the Contract, the following changes in the Plans, and/or Specifications are hereby made:

Establish New Item 660 (14) Relocate Existing Electrical J-box:

Description: This item shall include all labor, materials and equipment necessary to relocate existing Electrical J-box that is in conflict with new Steel Approach Expansion. This item replaces IWA #1.

Materials and Construction: All work shall conform to Section 660 of the State Standard Specifications for Highway Construction.

Method of Measurement: This item will not be measured for payment.

Basis of Payment: Payment for this item of work shall be a Lump Sum price of \$6,115.54.

Contract time is not affected by this Change Order.